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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED
July 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
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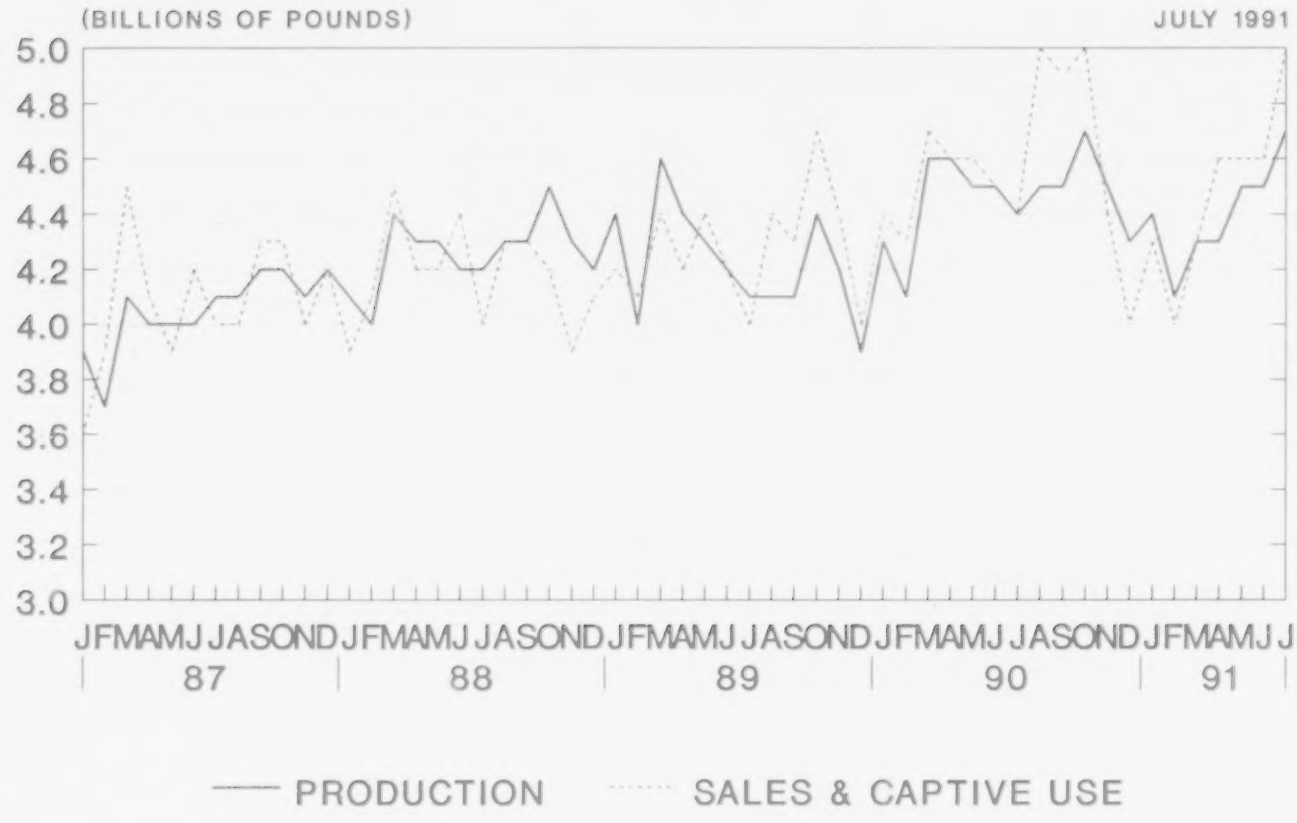
SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 16, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC. CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1) JULY 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	38,787	39,202	-1.1	277,983	286,627	-3.0	51,473	45,340	13.5	296,217	299,406	-1.1
POLYESTER (UNSATURATED) RESINS, TOTAL	91,664	97,341	-5.8	626,286	755,778	-17.1	92,145	99,682	-7.6	625,817	764,800	-18.2
UREA RESINS, TOTAL	121,796	119,801	1.7	859,808 R	905,595	-5.1	121,965	121,264	0.6	858,318	900,926	-4.7
MELAMINE RESINS, TOTAL	15,328	14,887	3.0	99,323 R	100,106	-0.8	15,433	16,099	-4.1	117,491	116,420	0.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	247,781	253,775	-2.4	1,538,027	1,769,092	-13.1	243,253	252,944	-3.8	1,531,004	1,766,830	-13.3
THERMOSETTING RESINS, TOTAL	515,356	525,006	-1.8	3,401,427 R	3,817,198	-10.9	524,269	535,329	-2.1	3,428,847	3,848,382	-10.9
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	686,352	563,787	21.7	4,229,790 R	4,073,898	3.8	614,776	622,249	-1.2	4,139,409 R	4,201,000	-1.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	460,870	363,366	26.8	2,720,371 R	2,632,885	3.3	340,315	303,743	12.0	2,396,454 R	2,142,188	11.9
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	839,171	728,316	15.2	5,181,401 R	4,903,987	5.7	788,946	715,451	10.3	5,197,522 R	4,702,192	10.5
POLYPROPYLENE, TOTAL (7)	744,916	635,973	17.1	4,788,203	4,691,832	2.1	726,214	660,833	9.9	4,799,750 R	4,822,122	-0.5
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	93,768	102,773	-8.8	626,403 R	694,931	-9.9	107,625	108,589	-0.9	595,754 R	686,928	-13.3
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,399	10,324	0.7	68,139 R	77,410	-12.0	8,639	11,400	-24.2	62,556 R	75,505	-17.1
POLYSTYRENE RESINS, TOTAL	454,775	430,180	5.7	2,817,727 R	3,003,815	-6.2	467,139	435,812	7.2	2,807,570 R	2,935,861	-4.4
STYRENE BASED LATEXES, TOTAL **	93,825	84,357	11.2	626,906 R	641,973	-2.3	86,527	83,762	3.3	589,315	606,700	-2.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,071	11,057	18.2	88,117 R	90,738	-2.9	13,096	10,517	24.5	76,364 R	84,734	-9.9
NYLON RESINS (6)	55,757	45,043	23.8	366,299	331,222	10.6	46,672	49,381	-5.5	322,645	338,338	-4.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	847,040	690,910	22.6	5,272,205	5,331,639	-1.1	804,414	710,434	13.2	5,152,659	5,278,339	-2.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	13,092	13,444	-2.6	103,794	111,854	-7.2	11,638	13,914	-16.4	106,260	126,152	-15.8
THERMOPLASTIC POLYESTER, TOTAL (6)	186,267	150,753	23.6	1,190,143	1,097,618	8.4	170,033	153,661	10.7	1,169,838	1,078,919	8.4
THERMOPLASTIC RESINS, TOTAL	4,499,303	3,830,283	17.5	28,079,498 R	27,683,802	1.4	4,186,034	3,879,746	7.9	27,416,156 R	27,078,978	1.2
GRAND TOTAL	5,014,659	4,355,289	15.1	31,480,925 R	31,500,800	-0.1	4,710,303	4,415,075	6.7	30,845,003 R	30,927,360	-0.3

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(E) = Estimate – Data includes estimates for one company.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(7) = 1991 Data Includes Sales from Imports.

D = Disclosure

R = Revision

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	38,787	39,202	-1.1	277,983	286,627	-3.0	51,473	45,340	13.5	296,217	299,406	-1.1
Exports, Total	7,692	6,815	12.9	53,247	47,873	11.2						
Captive Use, Total	1,605	1,375	16.7	10,363	9,848	5.2						
Domestic Sales, Total	29,490	31,012	-4.9	214,373	228,906	-6.3						
Domestic Sales & Captive Use,Total	31,095	32,387	-4.0	224,736	238,754	-5.9						
Bonding & Adhesives	1,887	2,163	-12.8	14,915	16,836	-11.4						
Flooring, Paving & Exposed Aggregate	2,527	2,222	13.7	15,924	16,623	-4.2						
Protective Coatings	16,222	16,533	-1.9	112,641	118,190	-4.7						
Fiber Reinforced Laminates & Composites	5,428	5,804	-6.5	43,770	49,098	-10.9						
FRL&C for Printed Wiring Board	3,166	3,697	-14.4	26,744	32,098	-16.7						
All Other FRL&C	2,262	2,107	7.4	17,026	17,000	0.2						
Tooling, Casting & Molded Resins	2,600	2,297	-11.6	14,573	16,358	-10.9						
All Other Uses	3,001	3,368	-10.9	22,913	21,649	5.8						
POLYESTER (UNSATURATED) RESINS, TOTAL	91,664	97,341	-5.8	626,286	755,778	-17.1	92,145	99,682	-7.6	625,817	764,800	-18.2
Total Exports	1,776	1,618	9.8	11,443	13,457	-15.0						
Total Domestic	89,888	95,723	-6.1	614,843	742,321	-17.2						
General Purpose Resins, Total	76,658	81,672	-6.1	523,036	640,730	-18.4						
General Purpose - Thixotropic	28,827	33,100	-12.9	189,218	247,638	-23.6						
General Purpose - Press Molding	9,581	11,035	-13.2	68,196	84,966	-19.7						
General Purpose - Panel	6,952	6,584	5.6	46,684	50,914	-8.3						
General Purpose - All Other	31,298	30,953	1.1	218,938	257,212	-14.9						
Flame Retardant Resins	1,480	2,119	-30.2	11,105	14,128	-21.4						
Chemical Resistant Resins, Total	11,750	11,932	-1.5	80,702	87,463	-7.7						
Chemical Resistant Isophthalic Resins	7,650	8,268	-7.5	54,658	62,014	-11.9						
All Other Chemical Resistant Resins	4,100	3,664	11.9	26,044	25,449	2.3						
Reinforced Plastic, Total	62,587	69,924	-10.5	436,727 R	548,188	-20.3						
Non-Reinforced Plastics, Total	27,301	25,799	5.8	178,116 R	194,133	-8.3						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
UREA RESINS, TOTAL	121,796	119,801	1.7	859,808 R	905,595	-5.1	121,965	121,264	0.6	858,318	900,926	-4.7
MELAMINE RESINS, TOTAL	15,328	14,887	3.0	99,323 R	100,106	-0.8	15,433	16,099	-4.1	117,491	116,420	0.9
UREA & MELAMINE RESINS, TOTAL	137,124	134,688	1.8	959,131 R	1,005,701	-4.6	137,398	137,363	0.0	975,809	1,017,346	-4.1
Total Exports	D1	D1		D1	D1							
Total Domestic	137,124	134,688	1.8	959,131 R	1,005,701	-4.6						
Textile Coating & Treating Resins	1,943	2,566	-24.3	12,568 R	19,773	-36.4	2,676	3,829	-30.1	15,044	27,692	-45.7
Paper Coating & Treating Resins	3,927	4,419	-11.1	31,120	33,932	-8.3	4,085	4,505	-9.3	31,941	34,835	-8.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	108,264	103,823	4.3	771,468 R	793,112	-2.7	108,026	104,856	3.0	769,022	792,947	-3.0
Laminating	1,242	1,277	-2.7	9,048	12,050	-24.9	1,234	1,408	-12.4	9,147	12,584	-27.3
Plywood	5,066	4,335	16.9	35,309	34,152	3.4	5,195	4,346	19.5	35,429	34,560	2.5
Fibrous & Granulated Wood (Particle Board)	101,956	98,211	3.8	727,111 R	746,910	-2.7	101,597	99,102	2.5	724,446	745,803	-2.9
Protective Coatings (Straight & Modified)	8,789	8,804	-0.2	56,892	58,391	-2.6	9,934	11,086	-10.4	81,182	78,471	3.5
All Other Uses	14,201	15,076	-5.8	87,083 R	100,493	-13.3	12,677	13,087	-3.1	78,620	83,401	-5.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	247,781	253,775	-2.4	1,538,027	1,769,092	-13.1	243,253	252,944	-3.8	1,531,004	1,766,830	-13.3
Total Exports	1,420	2,145	-33.8	8,286	14,797	-44.0						
Total Domestic	246,361	251,630	-2.1	1,529,741	1,754,295	-12.8						
Molding Compounds	12,543	11,792	6.4	89,436	98,803	-9.5	10,335	12,041	-14.2	88,214	111,089	-20.6
Bonding & Adhesive Resins for:	230,791	236,453	-2.4	1,417,158	1,633,330	-13.2	230,006	237,451	-3.1	1,418,139	1,633,259	-13.2
Laminating	13,538	14,097	-4.0	85,440	102,423	-16.6	13,734	14,139	-2.9	85,514	102,450	-16.5
Coated & Bonded Abrasives	D3	1,617		D3	16,125		D3	1,768		D3	16,161	
Friction Materials	3,089	3,650	-15.4	23,700	27,302	-13.2	3,051	3,765	-19.0	21,785	27,964	-22.1
Insulation Materials	34,201	35,318	-3.2	217,570	249,021	-12.6	34,110	36,027	-5.3	217,766	249,097	-12.6
Foundry & Shell Molding	5,646	6,499	-13.1	46,339	46,568	-0.5	5,613	6,943	-19.2	45,998	46,441	-1.0
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	174,317	175,272	N/C	1,044,109	1,191,891	N/C	173,498	174,809	N/C	1,047,076	1,191,146	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,027	3,385	-10.6	23,147	22,162	4.4	2,912	3,452	-15.6	24,651	22,482	9.6

E - Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	686,352	563,787	21.7	4,229,790 R	4,073,698	3.8	637,772	640,996	-0.5	4,235,768 R	4,303,706	-1.6
Imports, Total							22,996	18,747	22.7	96,299	102,706	-6.2
Exports, Total	126,810	67,496	87.9	821,244 R	466,114	76.2						
Domestic, Total	559,542	496,291	12.7	3,408,546 R	3,607,584	-5.5	614,776	622,249	-1.2	4,139,469 R	4,201,000	-1.5
Film (12 Mils & Below)	339,852	298,436	13.9	2,004,724 R	2,131,771	-6.0						
Packaging Film	231,907	202,501	14.5	1,373,142 R	1,452,660	-5.5						
Food Packaging Film	114,501	90,147	27.0	686,809 R	684,961	0.3						
Non-Food Packaging Film	94,757	87,627	8.1	544,700 R	600,834	-9.3						
Shrink Film	12,993	13,998	-7.2	77,684 R	93,029	-16.5						
Stretch Film	9,656	10,729	-10.0	63,949 R	73,836	-13.4						
Non-Packaging Film	107,945	95,935	12.5	631,582 R	679,111	-7.0						
Carry-Out Bags	17,683	15,113	17.0	80,707 R	75,217	7.3						
Trash and Can Liners	36,875	30,271	21.8	197,609 R	209,522	-5.7						
Other Non-Packaging Film	53,387	50,551	5.6	353,266 R	394,372	-10.4						
Sheet (Over 12 Mils)	7,018	5,425	29.4	41,694 R	42,855	-2.7						
Injection Molding	26,785	27,821	-3.7	157,986 R	216,370	-27.0						
Injection Molded Lids	4,677	5,838	-19.9	29,914 R	46,462	-35.6						
Injection Molded Housewares	4,252	3,790	12.2	27,982 R	28,548	-2.0						
Other Injection Molding	17,856	18,193	-1.9	100,090 R	141,360	-29.2						
Wire and Cable	20,769	18,269	13.7	136,698 R	143,465	-4.7						
Extrusion Coating	69,739	63,142	10.4	480,853 R	451,406	6.5						
Blow Molding	5,322	4,898	8.7	38,271 R	36,202	5.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,852	8,324	-5.7	46,663 R	51,586	-9.5						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	54,901	45,050	21.9	366,181	319,863	14.5						
Resellers	38,281	28,355	35.0	251,354 R	222,799	12.8						
Compounders	16,620	16,695	-0.4	114,827 R	97,064	18.3						
Adhesives and Sealants	11,391	7,470	52.5	76,344	61,762	23.6						
All Other Uses	15,913	17,456	-8.8	59,132 R	152,304	-61.2						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales include Imports.
D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	460,870	363,366	26.8	2,720,371 R	2,632,885	3.3	401,400	374,547	7.2	2,773,493 R	2,638,515	5.1
Imports, Total							61,085	70,804	-13.7	377,039	496,327	-24.0
Exports, Total	52,599	21,744	141.9	300,281	130,664	129.8						
Domestic, Total	408,271	341,622	19.5	2,420,090 R	2,502,221	-3.3	340,315	303,743	12.0	2,396,454 R	2,142,188	11.9
Film (12 Mils & Below)	252,433	219,345	15.1	1,551,764 R	1,628,554	-4.7						
Packaging Film	109,687	97,509	12.5	695,272 R	709,687	-2.0						
Food Packaging Film	23,256	15,687	48.3	136,451 R	124,569	9.5						
Non-Food Packaging Film	46,062	55,123	-16.4	268,200 R	391,605	-31.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	40,369	26,699	51.2	290,621 R	193,513	50.2						
Non-Packaging Film	142,746	121,836	17.2	856,492 R	918,867	-6.8						
Carry-Out Bags	25,126	19,673	27.7	150,717 R	140,770	7.1						
Trash and Can Liners	98,438	81,620	20.6	577,671 R	603,225	-4.2						
Other Non-Packaging Film	19,182	20,543	-6.6	128,104 R	174,872	-26.7						
Sheet (Over 12 Mils)	8,179	2,889	183.1	34,543	27,086	27.5						
Injection Molding	53,528	48,533	10.3	311,764 R	298,977	4.3						
Injection Molded Lids	15,747	16,313	-3.5	96,191 R	105,539	-8.9						
Injection Molded Housewares	26,280	22,524	16.7	163,084 R	126,838	28.6						
Other Injection Molding	11,501	9,696	18.6	52,489 R	66,600	-21.2						
Wire and Cable	11,487	9,761	17.7	81,902 R	85,200	-3.9						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,072	1,758	-39.0	6,770	17,6	-61.6						
Pipe and Conduit, Total	5,088	4,964	2.5	25,398	36	-30.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	3,144	2,519	24.8	21,999 R	19,026	15.6						
Rotomolding	17,131	28,974	-40.9	116,965	186,741	-37.4						
Resellers & Compounders, Total	46,007	16,650	176.3	204,859	134,041	52.8						
Resellers	38,431	6,384	502.0	148,911 R	64,501	130.9						
Compounders	7,576	10,266	-26.2	55,948 R	69,540	-19.5						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	10,202	6,229	63.8	64,126 R	68,599	-6.5						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.
(6) = Sales Include Imports.
D = Disclosure
R = Revision

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL (6)	839,171	728,316	15.2	5,181,401 R	4,903,987	5.7	820,740	756,533	8.5	5,387,478 R	4,921,185	9.5
Imports, Total							31,794	41,082	-22.6	189,956	218,993	-13.3
Exports, Total	104,411	55,781	87.2	565,667	386,063	46.5						
Domestic, Total	734,760	672,535	9.3	4,615,734 R	4,517,924	2.2	788,946	715,451	10.3	5,197,522 R	4,702,192	10.5
Film (12 Mils & Below)	81,141	71,690	13.2	531,408 R	507,185	4.8						
Packaging Film	16,629	17,113	-2.8	117,817	142,078	-17.1						
Food Packaging Film	11,648	12,281	-5.2	83,555 R	96,417	-13.3						
Non-Food Packaging Film	4,981	4,832	3.1	34,262 R	45,661	-25.0						
Non-Packaging Film	64,512	54,577	18.2	413,591 R	365,107	13.3						
Retail Bags	56,068	40,509	38.4	345,768 R	281,942	22.6						
Grocery Sacks & T-Shirt Bags	27,529	21,899	25.7	167,732 R	149,231	12.4						
All Other Retail Bags	28,539	5,078	N/C	178,036 R	38,721	N/C						
Trash Bags/Can Liners	D9	13,532		D9	93,990							
All Other Non-Packaging Film	8,444	14,068	-40.0	67,823	83,165	-18.4						
Sheet (Over 12 Mils)	24,352	31,179	-21.9	174,836	221,913	-21.2						
Injection Molding, Total	151,500	147,337	2.8	964,268 R	917,284	5.1						
Pails (5 gallons or less)	45,757	40,512	12.9	290,053 R	267,755	8.3						
Housewares	13,694	12,416	10.3	76,901 R	61,960	22.5						
Food Tubs/Containers & Drink Cups	24,988	28,536	-12.4	174,541	180,565	-3.3						
Crates and Totes	21,181	21,659	-2.2	137,998	127,681	8.1						
Toys/Novelties/Sporting Goods	7,297	3,599	102.8	42,399	35,143	20.6						
Caps and Closures	9,010	8,266	9.0	58,014 R	62,349	-7.0						
All Other Injection Molding	29,573	32,349	-8.6	185,362 R	181,831	1.9						
Wire and Cable	12,890	13,364	-3.5	85,487 R	101,777	-16.0						
Blow Molding, Total	278,791	234,961	18.7	1,716,451	1,675,416	2.4						
Motor Oil Bottles	20,143	17,142	17.5	114,614	129,611	-11.6						
Liquid Food Bottles	87,503	82,980	5.5	564,757	563,573	0.2						
Household Chemical Bottles	91,015	71,692	27.0	527,070	512,475	2.8						
Industrial Drums	19,500	12,814	52.2	117,420	90,748	29.4						
Gas Tanks, All Uses	4,388	3,760	16.7	22,056	19,946	10.6						
Pharm., Cosmetics, & Toiletries	19,454	16,081	21.0	125,371	128,837	-2.7						
All Other Blow Molding	36,788	30,492	20.6	245,163	230,226	6.5						
Pipe and Conduit, Total	54,151	64,476	-16.0	339,007	370,683	-8.5						
Corrugated	11,993	8,574	39.9	63,764	63,766	0.0						
Non-Corrugated	42,158	55,902	-24.6	275,243	306,917	-10.3						
Gas Distribution	17,387	14,118	23.2	105,633	108,791	-2.9						
Water	9,750	D11		59,129	D11							
Industrial/Sewer	12,031	D11		93,261	D11							
All Other Non-Corrugated Pipe	2,990	41,78	N/C	17,220	198,126	N/C						
Other Extruded Products	8,863	7,512	18.0	62,609	51,485	21.6						
Rotomolding	5,827	5,707	2.1	45,640 R	45,205	1.0						
Reseller & Compounders, Total	92,205	73,679	25.1	526,129 R	455,705	15.5						
Resellers	89,058	67,094	32.7	496,463 R	423,972	17.1						
Compounders	3,147	6,585	-52.2	29,666	31,733	-6.5						
All Other HDPE	25,040	22,630	10.6	169,899 R	171,271	-0.8						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
(6) = Sales include Imports.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYPROPYLENE, TOTAL (7)	744,916	635,973	17.1	4,788,203	4,691,832	2.1	730,736	N/A		4,820,943 R	N/A	
Imports, Total							4,522	N/A		21,193	N/A	
Exports, Total	159,590	113,294	40.9	965,306 R	867,837	11.2						
Domestic, Total	585,326	522,679	12.0	3,822,897 R	3,823,995	0.0	726,214	660,833	9.9	4,799,750 R	4,822,122	-0.5
Injection Molding, Total	166,237	148,399	12.0	1,121,048	1,128,025	-0.6						
Appliances	12,341	13,184	-6.4	93,837	104,359	-10.1						
Consumer Products	48,445	48,073	0.8	385,228	367,147	4.9						
Rigid Packaging	63,716	51,160	24.5	392,533	384,746	2.0						
Transportation	25,905	22,351	15.9	144,657	170,072	-14.9						
All Other Injection Molding	15,830	13,631	16.1	104,793	101,701	3.0						
Blow Molding	10,040	12,881	-22.1	84,410	85,256	-1.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	60,448	50,704	19.2	393,084	343,687	14.4						
Oriented Film	47,384	41,612	13.9	302,570	276,172	9.6						
Non-Oriented Film	13,064	9,092	43.7	90,514	67,515	34.1						
Sheet (Over 10 Mils), Total	10,363	10,540	-1.7	72,145	80,761	-10.7						
Packaging	5,392	D		40,265	D							
Non-Packaging	4,971	D		31,880	D							
Extrusion Coating	1,123	1,771	-36.6	11,598	11,777	-1.5						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	178,680	173,349	3.1	1,147,054	1,218,695	-5.9						
Textile Applications	167,760	164,976	1.7	1,081,753	1,148,199	-5.8						
Nonwovens	58,752	49,163	19.5	346,237	348,935	-0.8						
Monofilament & Multifilament Fibers	58,806	58,898	-0.2	403,486	415,297	-2.8						
Slit Film Fibers	50,202	56,915	-11.8	332,030	383,967	-13.5						
Non-Textile Monofilaments	10,920	8,373	30.4	65,301	70,496	-7.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	8,287	9,883	-16.1	46,501	71,782	-35.2						
Resellers/Distributors/Compounders, Total	144,265	111,804	29.0	906,961 R	853,534	6.3						
Resellers	57,120	41,256	38.5	364,059	325,637	11.8						
Distributors	31,980	26,304	21.6	198,399 R	210,821	-5.9						
Compounders	55,165	44,244	24.7	344,503	317,076	8.6						
All Other Uses	5,883	3,348	75.7	40,096	30,478	31.6						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 include Imports.

N/A = Not Available
D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYSTYRENE RESINS, TOTAL	454,775	430,180	5.7	2,817,727 R	3,003,815	-6.2	467,139	435,812	7.2	2,807,570 R	2,935,861	-4.4
Crystal (Solid) Polystyrene	178,430	232,098	N/C	1,116,182 R	1,612,846	N/C	185,210	167,127	10.8	1,094,024 R	1,154,987	-5.3
Rubber Modified Polystyrene	199,553	198,082	0.7	1,301,378 R	1,390,969	-6.4	210,219	212,126	-0.9	1,328,187 R	1,364,798	-2.7
Expandable Polystyrene	76,792	D13		400,167 R	D13		71,710	56,559	26.8	385,359 R	416,076	-7.4
Exports, Total	21,027	14,809	42.0	150,116 R	96,916	54.9						
Crystal (Solid) Polystyrene	5,149	7,641	N/C	48,417 R	52,994	N/C						
Rubber Modified Polystyrene	10,764	7,168	50.2	63,193 R	43,922	43.9						
Expandable Polystyrene	5,114	D13		38,506	D13							
Domestic, Total	433,748	415,371	4.4	2,667,611 R	2,906,899	-8.2						
Molding	154,461	148,591	4.0	939,163 R	1,006,539	-6.7						
Extrusion	189,906	191,935	-1.1	1,274,629 R	1,410,616	-9.6						
Expandable Polystyrene	72,298	61,413	17.7	362,281 R	401,457	-9.8						
Block	31,406	26,503	18.5	140,901	152,123	-7.4						
Shape	17,391	12,824	35.6	81,789	89,663	-8.8						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,501	22,086	6.4	139,591 R	159,671	-12.6						
All Other Uses	17,083	13,432	27.2	91,538 R	88,287	3.7						
Polystyrene End-Uses, Total	433,748	415,371	4.4	2,667,611 R	2,906,899	-8.2						
Packaging & One Time Use	164,241	162,900	0.8	1,030,226 R	1,151,366	-10.5						
Consumer & Institutional Products	42,227	43,266	-2.4	295,018 R	320,291	-7.9						
Electrical/Electronics	58,623	55,858	5.0	382,846	396,928	-3.5						
Furniture,Furnishings,Bldg. & Construction	24,379	23,777	2.5	141,416 R	164,735	-14.2						
Expandable Polystyrene	72,298	61,413	17.7	362,281 R	401,457	-9.8						
Resellers and Compounders	63,860	56,709	12.6	386,997 R	375,791	3.0						
All Other End-Uses	8,120	11,448	-29.1	68,827 R	96,331	-28.6						

R = Revision
N/C = Not Comparable

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	93,768	102,773	-8.8	626,403 R	694,931	-9.9	107,625	108,589	-0.9	595,754 R	686,928	-13.3
SAN (STYRENE-ACRYLONITRILE), TOTAL	10,399	10,324	0.7	68,139 R	77,410	-12.0	8,639	11,400	-24.2	62,556 R	75,505	-17.1
Total Exports	2,995	3,666	-18.3	21,006 R	28,532	-26.4						
Total Domestic	7,404	6,658	11.2	47,133 R	48,878	-3.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,071	11,057	18.2	88,117 R	90,738	-2.9	13,096	10,517	24.5	76,364 R	84,734	-9.9
ABS, SAN, & OTHER STYRENICS, TOTAL	117,238	124,154	-5.6	782,659 R	863,079	-9.3	129,360	130,506	-0.9	734,674 R	847,167	-13.3
Total Exports	17,798	21,221	-16.1	128,371 R	134,360	-4.5						
Total Domestic	99,440	102,933	-3.4	654,288 R	728,719	-10.2						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	12,211	12,131	0.7	61,900	89,805	-31.1						
Transportation	31,198	32,308	-3.4	192,417 R	228,127	-15.7						
Consumer & Institutional	10,626	13,275	-20.0	80,466 R	94,922	-15.2						
All Other Uses	45,405	45,219	0.4	319,505 R	315,865	1.2						
STYRENE BASED LATEXES, TOTAL*	93,825	84,357	11.2	626,906 R	641,973	-2.3	86,527	83,762	3.3	589,315	606,700	-2.9
Carpet Backing	33,175	31,788	4.4	231,238 R	240,812	-4.0						
All Other Uses	60,650	52,569	15.4	395,668	401,161	-1.4						
NYLON RESINS, TOTAL(6)	55,757	45,043	23.8	366,299	331,222	10.6	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,371	6,392	15.3	52,558	42,868	22.6						
Domestic, Total **	48,386	38,651	25.2	313,741	288,354	8.8	46,672	49,381	-5.5	322,645	338,338	-4.6
Injection Molding Grade	28,799	22,803	26.3	188,933 R	169,690	11.3						
Extrusion Grade	14,878	12,628	17.8	95,630 R	91,175	4.9						
Resellers & Compounders	3,036	1,807	68.0	20,913	21,154	-1.1						
All Other Uses	1,673	1,413	18.4	8,265	6,335	30.5						
Nylon End-Uses, Total	48,386	38,651	25.2	313,741	288,354	8.8						
Automotive and Truck	16,442	13,658	20.4	109,675 R	97,129	12.9						
Electrical and Electronic	5,594	4,410	26.8	34,623 R	34,967	-1.0						
Appliances	1,420	1,094	29.8	10,288 R	8,113	26.8						
Film and Coating	6,004	6,758	-11.2	43,337 R	44,538	-2.7						
Wire and Cable	2,620	2,462	6.4	18,890	19,747	-4.3						
Monofilament	1,807	1,615	11.9	13,378	12,856	4.1						
Consumer	3,198	1,795	78.2	16,758 R	12,044	39.1						
Industrial/Machinery	4,471	3,376	32.4	27,052	25,743	5.1						
All Other End-Uses	6,830	3,483	96.1	39,740	33,217	19.6						

* - Styrene Based Latexes Sales include some Canadian produced material.
** - 1991 Domestic Sales Include Sales to Canada.
D2 = Disclosure: Included in All Other Uses.
R = Revision

R = Revision
N/A = Not Available.
(6) - Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	847,040	690,910	22.6	5,272,205	5,331,639	-1.1	804,414	710,434	13.2	5,152,659	5,278,339	-2.4
Homopolymer Resins, Including Blending & Latex	790,319	642,167	23.1	4,872,160	4,926,527	-1.1	752,349	664,438	13.2	4,726,475	4,861,208	-2.8
Copolymer Resins, Including Blending & Latex	13,734	11,604	18.4	102,835	120,854	-14.9	12,397	9,938	24.7	127,235	118,236	7.6
Dispersion Resins	42,987	37,139	15.7	297,210	284,258	4.6	39,668	36,058	10.0	298,949	298,895	0.0
Exports, Total	151,060	60,785	148.5	924,899	529,674	74.6						
Domestic, Total	695,980	630,125	10.5	4,347,306	4,801,965	-9.5						
Calendering, Total	86,790	71,539	21.3	578,211	582,312	-0.7						
Flooring	15,512	14,425	7.5	116,109	130,572	-11.1						
Textile	6,826	5,402	26.4	57,668	61,188	-5.8						
All Other Calendering Uses	64,452	51,712	24.6	404,434	390,552	3.6						
Coating, Total	23,221	24,126	-3.8	178,189	194,515	-8.4						
Flooring	10,481	9,947	5.4	85,384	84,062	1.6						
Textile and Paper Coating	7,388	8,165	-9.5	53,507	55,872	-4.2						
Protective Coatings	3,048	3,890	-21.6	23,448	29,034	-19.2						
Adhesives & All Other Coating Uses	2,304	2,124	8.5	15,850	25,547	-38.0						
Extrusion, Total	490,715	441,930	11.0	2,959,539	3,283,882	-9.9						
Wire and Cable	25,062	23,570	6.3	193,808	219,783	-11.8						
Film and Sheet, Packaging	21,024	18,557	13.3	158,890	182,168	-12.8						
Film and Sheet, Non-Packaging	3,669	2,796	31.2	28,296	25,557	10.7						
Siding, Siding Acc. & Moble Home Skirting	92,380	71,204	29.7	490,726	497,204	-1.3						
Rigid Pipe and Tubing (except fittings)	299,592	279,852	7.1	1,768,500	2,016,508	-12.3						
Extruded Windows and Doors	10,310	N/A		61,272	N/A							
All Other Extrusion Uses	38,678	45,951	N/C	258,047	342,662	N/C						
Molding, Total	42,420	42,163	0.6	271,036	306,754	-11.6						
Bottles	17,434	17,770	-1.9	114,629	133,421	-14.1						
Fittings (Rigid Pipe and Tubing)	19,844	14,348	38.3	115,423	96,639	19.4						
All Other Molding Uses	5,142	10,045	-48.8	40,984	76,694	-46.6						
Paste Processes (except coating), Total	14,540	13,995	3.9	107,044	108,196	-1.1						
Plastisol Formulation	7,941	7,924	0.2	59,621	58,941	1.2						
All Other Paste Proce[illegible] Uses	6,599	6,071	8.7	47,423	49,255	-3.7						
Resellers & Compounders	32,465	22,995	41.2	217,682	212,312	2.5						
All Other Uses	5,829	13,377	-56.4	35,605	113,994	-68.8						

N/A = Not Available

N/C = Not Comparable

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	13,092	13,444	-2.6	103,794	11[illegible]	-7.2	11,638	13,914	-16.4	106,260	126,152	-15.8
Exports, Total	5,898	4,089	44.2	47,841	39,514	21.1						
Domestic, Total	7,194	9,355	-23.1	55,953	72,340	-22.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	186,267	150,753	23.6	1,190,143	1,097,618	8.4	170,033	153,661	10.7	1,169,838	1,078,919	8.4
Exports, Total	36,895	29,275	26.0	291,077	213,051	36.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	149,372	121,478	23.0	899,066	884,567	1.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	100,422	80,610	24.6	622,088	618,745	0.5						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	48,950	40,868	19.8	276,978	265,822	4.2						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report - Resins

SPI

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FOR THE MONTH AND PERIOD ENDED
June 30, 1991

DATA FOR CALCULATING
APPARENT CONSUMPTION OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 16, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

CRS

JUNE 1991

RESIN KIND	JUNE				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.5	31.3	1.5	7.2	244.7	184.9	8.6	45.6
POLYESTER (UNSATURATED) RESINS, TOTAL	92.9	90.4	1.5	6.0	533.7	525.0	5.6	46.0
UREA RESINS, TOTAL **	127.1	123.6	1.1	1.9	736.4	733.0	9.3	11.1
MELAMINE RESINS, TOTAL **	16.3	14.1	0.4	1.9	102.1	83.9	3.2	11.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	234.2	231.7	2.4	7.3	1,287.8	1,283.4	17.1	40.9
THERMOSETTING RESINS, TOTAL	515.0	491.1	6.9	24.3	2,904.7	2,810.2	43.8	155.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	566.1	494.4	12.3	94.1	3,505.3	2,844.4	81.6	529.0
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	292.3	331.2	48.1	46.8	2,052.1	1,993.9	330.6	317.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	776.2	664.9	37.3	99.2	4,406.0	3,900.0	228.7	642.2
POLYPROPYLENE, TOTAL (6)	693.0	525.4	6.6	153.6	4,073.4	3,237.5	40.0	1,017.7
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	85.3	93.0	6.8	14.6	487.2	531.8	39.5	94.2
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.0	6.9	0.4	13.7	54.4	39.5	2.1	50.2
OTHER STYRENICS **	98.5	104.5	0.2	20.5	566.1 R	608.0 R	1.7	111.9
POLYSTYRENE RESINS, TOTAL	393.1	385.4	4.2	26.6	2,342.0	2,231.0	20.2	173.4
NYLON RESINS, TOTAL (6)	47.2	48.7	7.7	15.6	276.0	265.4 R	34.2	85.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	791.2	656.3	6.9	124.7	4,348.2	3,651.3	39.3	734.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	16.5	9.3	N/A	N/A	94.6	48.8	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	179.6	133.4	3.8	52.4	999.8 R	749.7 R	41.9	296.4
THERMOPLASTIC RESINS, TOTAL	3,948.0	3,453.4	134.3	661.8	23,205.1 R	20,101.3 R	859.8	4,053.0
GRAND TOTAL	4,463.0	3,944.5	141.2	686.1	26,109.8 R	22,911.5 R	903.6	4,208.2

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH and PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

= Domestic Sales include Exports.

= Data includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources: Sales and Production – SPI Monthly Statistical Report

Imports – Bureau of the Census (IM 145)

Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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